AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) An information displaying system, comprising:

an A/D converting means for converting analog RGB signals inputted from a first input terminal to first digital RGB signals;

a selecting means for selecting either second digital RGB signals inputted from a second input terminal or said first digital RGB signals based on the inputted order, and for outputting third digital RGB signals being selected digital RGB signals;

a screen mixing means comprising:

a first memory for storing said third digital RGB signals, and

a second memory for storing digital information data inputted from a third input terminal,

said screen mixing means

detecting sizes of said third digital RGB signals and said digital information data,

calculating designated control information,

mixing said digital information data with said third digital RGB signals,

generating a synchronization signal based on said designated control information,

reading said third digital RGB signals from said first memory and said digital information data from said second memory based on said synchronization signal, and

forming displaying data by mixing said third digital RGB signals read from said first memory and said digital information data read from said second memory,

so that said digital information data are displayed without overlap at outsides of a displaying region of said third digital RGB signals~~, without overlap~~ in one or more regions at at least one of an upper, a lower, a right and a left side of said displaying region; and

a displaying means for displaying said displaying data, the regions for displaying said digital information being at an edge of said displaying means.

2. (Previously presented) An information displaying system in accordance with claim 1, wherein:

said designated control information comprises a dot clock frequency, a horizontal synchronizing frequency, a vertical synchronizing frequency, a front porch, a back porch, and a pulse width, so that said displaying data are displayed on said displaying means.

3. (Previously presented) An information displaying system in accordance with claim 1, wherein:

said screen mixing means forms said displaying data comprising digital information data displayed on at least one region of at least one of upper, lower, right, and left end parts which are outside of said displaying region of said third digital RGB signals.

4. (Original) An information displaying system in accordance with claim 1, wherein:

said screen mixing means outputs said displaying data by applying scaling to said displaying data so that said displaying data correspond to the resolution of said displaying means.

5. (Original) An information displaying system in accordance with claim 1, wherein:

said screen mixing means outputs said displaying data by converting said displaying data to analog RGB signals.

6. (Previously presented) An information displaying system in accordance with claim 1, further comprising a D/A converting means for converting said displaying data to analog RGB signals.

7. (New) An information displaying system, comprising:

an A/D converting means for converting analog RGB signals inputted from a first input terminal to first digital RGB signals;

a selecting means for selecting either second digital RGB signals inputted from a second input terminal or said first digital RGB signals based on the inputted order, and for outputting third digital RGB signals being selected digital RGB signals;

a screen mixing means comprising:

a first memory for storing said third digital RGB signals, and

a second memory for storing digital information data inputted from a third input terminal,

said screen mixing means

detecting sizes of said third digital RGB signals and said digital information data,

calculating designated control information,

mixing said digital information data with said third digital RGB signals,

generating a synchronization signal based on said designated control information,

reading said third digital RGB signals from said first memory and said digital information data from said second memory based on said synchronization signal, and

forming displaying data by mixing said third digital RGB signals read from said first memory and said digital information data read from said second memory,

so that said digital information data are displayed at outsides of a displaying region of said third digital RGB signals, without overlap; and

a displaying means for displaying said displaying data,

wherein said digital information is displayed around said displaying region of said third digital RGB signals.

8. (New) An information displaying system, comprising:

an A/D converting means for converting analog RGB signals inputted from a first input terminal to first digital RGB signals;

a selecting means for selecting either second digital RGB signals inputted from a second input terminal or said first digital RGB signals based on the inputted order, and for outputting third digital RGB signals being selected digital RGB signals;

a screen mixing means comprising:

a first memory for storing said third digital RGB signals, and

a second memory for storing digital information data inputted from a third input terminal and for storing password information,

said screen mixing means

detecting sizes of said third digital RGB signals and said digital information data,

calculating designated control information,

mixing said digital information data with said third digital RGB signals,

generating a synchronization signal based on said designated control information,

reading said third digital RGB signals from said first memory and said digital information data from said second memory based on said synchronization signal, and

forming displaying data by mixing said third digital RGB signals read from said first memory and said digital information data read from said second memory,

so that said digital information data are displayed at outsides of a displaying region of said third digital RGB signals, without overlap; and

a displaying means for displaying said displaying data,

wherein said password information is read out from said second memory, and

if said password information is incorrect, or if said password information does not exist, then said third digital RGB signals are not displayed.